

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/050833

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01P3/489 G01P3/48 G01P3/481 G01D5/244 H03K5/007

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01P G01D H03K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 808 543 A (MUELLER A) 30 April 1974 (1974-04-30) column 4, line 46 - line 63; figures 1,3 -----	1-5
A	US 4 359 688 A (HAVILLE GEORGE D) 16 November 1982 (1982-11-16) column 2, line 38 - column 3, line 16 column 5, line 7 - line 12; figure -----	1-5

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

8 September 2004

Date of mailing of the international search report

10.09.04

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Pflugfelder, G

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Information on patent family members

International Application No

PCT/IB2004/050833

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 3808543	A 30-04-1974	NONE		
US 4359688	A 16-11-1982	CA	1176713 A1	23-10-1984
		DE	3142213 A1	09-06-1982
		GB	2086627 A ,B	12-05-1982
		JP	57104304 A	29-06-1982